

FASTAB — These Way Frequency Distribution

PCON / YCON / GENUSER

KRONOS 2.0 73/04/29.
OPERATING SYSTEM
JOB ORIGIN = BATCH.

73/06/14. 12.45.53.

UNIVERSITY OF COLORADO COMPUTING CENTER

SPSS - STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES

VERSION 2.3 -- MARCH 15, 1972

RUN NAME MARION
FILE NAME TOBBENS
VARIABLE LIST CON,CONCL,HCON,CONREQ,MDREQ,PRER,PRENQ,PREM,YCON,YCONCL,YHCON,
YCONREQ,YMDREQ,YPRER,YPRENQ,YPREM,PCON,PCONCL,PHCON,PCONREQ,
PMDREQ,PPRER,PPRENG,PPREM,FCON,MCON,BCON,PBCON,SCON,GRCON,MARCON,
UNOMAR,DUOMAR,FILUNO,FILDUO,NONPPM,GENSER,CGNOFF,AUSPP,COMSTAT
INPUT MEDIUM CARD
NO. OF CASES 543
INPUT FORMAT FIXED (5X,8F1.0,2X,8F1.0,2X,8F1.0,2X,6F1.0,2X,4F1.0)
MISSING VALUES CON(1,2)/CONCL(1,2)/HCON(1,2)/CONREQ(1,2)/MDREQ(1,2)/PRER(1,2)/
PRENQ(1,2)/PREM(1,2)/YCON(1,2)/YCONCL(1,2)/YHCON(1,2)/
YCONREQ(1,2)/YMDREQ(1,2)/YPRER(1,2)/YPRENQ(1,2)/YPREM(1,2)/
PCON(1,2)/PCONCL(1,2)/PHCON(1,2)/PCONREQ(1,2)/PMDREQ(1,2)/
PPRER(1,2)/PPRENG(1,2)/PPREM(1,2)/FCON(1,2)/MCON(1,2)/BCON(1,2)/
PBCON(1,2)/SCON(1,2)/GRCON(1,2)/MARCON(1,2)/UNOMAR(1,2)/DUOMAR(1,2)/
FILUNO(1,2)/FILDUO(1,2)/NONPPM(1,2)/GENSER(1,2)/CGNOFF(1,2)/
AUSPP(1,2)/COMSTAT(1,2)
FASTABS VARIABLES=PCON(1,4)/YCON(1,9)/GENSER(1,6)/TABLES=PCON BY YCON BY
GENSER
STATISTICS ALL
READ INPUT DATA

FILE TOBBENS (CREATION DATE = 73/06/14.)

PCON
CONTROLLING FOR..

GENSER
VALUE..

YCON

COUNT	I	
ROW PCT	I	
COL PCT	I	
TOT PCT	I	
PCON	I	
3	2	2
100.0	I	100.0
100.0	I	
100.0	I	
-I	2	2
COLUMN	100.0	100.0
TOTAL		

NO STATISTICS ARE COMPUTED -

TABLE HAS ONE COLUMN.
TABLE HAS ONE ROW.

3RD GENERATION

FILE TOBENS (CREATION DATE = 73/06/14.)

PCON BY YCON

CONTROLLING FOR..

GENSER

VALUE..

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YCON

COUNT	ROW	PCT	I	1 to 4 yrs	5 to 8 yrs	9 to 12 yrs	13 to 16 yrs	17 to 20 yrs	21 to 24 yrs	OVER 25	ROW
3	1	1	1	1	1	1	1	1	1	1	13
3	2	1	1	1	1	1	1	1	1	1	13
3	3	1	1	1	1	1	1	1	1	1	13
3	4	1	1	1	1	1	1	1	1	1	13
3	5	1	1	1	1	1	1	1	1	1	13
3	6	1	1	1	1	1	1	1	1	1	13
3	7	1	1	1	1	1	1	1	1	1	13
3	8	1	1	1	1	1	1	1	1	1	13
3	9	1	1	1	1	1	1	1	1	1	13
3	10	1	1	1	1	1	1	1	1	1	13
3	11	1	1	1	1	1	1	1	1	1	13
3	12	1	1	1	1	1	1	1	1	1	13
3	13	1	1	1	1	1	1	1	1	1	13
3	14	1	1	1	1	1	1	1	1	1	13
3	15	1	1	1	1	1	1	1	1	1	13
3	16	1	1	1	1	1	1	1	1	1	13
3	17	1	1	1	1	1	1	1	1	1	13
3	18	1	1	1	1	1	1	1	1	1	13
3	19	1	1	1	1	1	1	1	1	1	13
3	20	1	1	1	1	1	1	1	1	1	13
3	21	1	1	1	1	1	1	1	1	1	13
3	22	1	1	1	1	1	1	1	1	1	13
3	23	1	1	1	1	1	1	1	1	1	13
3	24	1	1	1	1	1	1	1	1	1	13
3	25	1	1	1	1	1	1	1	1	1	13
3	26	1	1	1	1	1	1	1	1	1	13
3	27	1	1	1	1	1	1	1	1	1	13
3	28	1	1	1	1	1	1	1	1	1	13
3	29	1	1	1	1	1	1	1	1	1	13
3	30	1	1	1	1	1	1	1	1	1	13
3	31	1	1	1	1	1	1	1	1	1	13
3	32	1	1	1	1	1	1	1	1	1	13
3	33	1	1	1	1	1	1	1	1	1	13
3	34	1	1	1	1	1	1	1	1	1	13
3	35	1	1	1	1	1	1	1	1	1	13
3	36	1	1	1	1	1	1	1	1	1	13
3	37	1	1	1	1	1	1	1	1	1	13
3	38	1	1	1	1	1	1	1	1	1	13
3	39	1	1	1	1	1	1	1	1	1	13
3	40	1	1	1	1	1	1	1	1	1	13
3	41	1	1	1	1	1	1	1	1	1	13
3	42	1	1	1	1	1	1	1	1	1	13
3	43	1	1	1	1	1	1	1	1	1	13
3	44	1	1	1	1	1	1	1	1	1	13
3	45	1	1	1	1	1	1	1	1	1	13
3	46	1	1	1	1	1	1	1	1	1	13
3	47	1	1	1	1	1	1	1	1	1	13
3	48	1	1	1	1	1	1	1	1	1	13
3	49	1	1	1	1	1	1	1	1	1	13
3	50	1	1	1	1	1	1	1	1	1	13
3	51	1	1	1	1	1	1	1	1	1	13
3	52	1	1	1	1	1	1	1	1	1	13
3	53	1	1	1	1	1	1	1	1	1	13
3	54	1	1	1	1	1	1	1	1	1	13
3	55	1	1	1	1	1	1	1	1	1	13
3	56	1	1	1	1	1	1	1	1	1	13
3	57	1	1	1	1	1	1	1	1	1	13
3	58	1	1	1	1	1	1	1	1	1	13
3	59	1	1	1	1	1	1	1	1	1	13
3	60	1	1	1	1	1	1	1	1	1	13
3	61	1	1	1	1	1	1	1	1	1	13
3	62	1	1	1	1	1	1	1	1	1	13
3	63	1	1	1	1	1	1	1	1	1	13
3	64	1	1	1	1	1	1	1	1	1	13

BEFORE THE PAULSTTS

AFTER THE PAULSTTS

2ND
GENERATION

RAW CHI SQUARE = 7.53692 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = .2740

CRAMER'S V = .57244

CONTINGENCY COEFFICIENT = .49680

LAMBDA (ASYMMETRIC) = .40000 WITH PCON DEPENDENT.

LAMBDA (SYMMETRIC) = .24000

UNCERTAINTY COEFFICIENT (ASYMMETRIC) = .29128 WITH PCON DEPENDENT.

UNCERTAINTY COEFFICIENT (SYMMETRIC) = .16720

KENDALL'S TAU B = -.40843. SIGNIFICANCE = .0032

KENDALL'S TAU C = -.50662. SIGNIFICANCE = .0004

GAMMA = -.61468

SOMER'S D (ASYMMETRIC) = -.32367 WITH PCON DEPENDENT.

SOMER'S D (SYMMETRIC) = -.39763

ETA = .32769 WITH PCON DEPENDENT.

BEFORE THE PAULSTTS

46.2% SERVED OVER 21 yrs

38.5% SERVED FROM 1 to 12 yrs

AFTER THE PAULSTTS

10% SERVED OVER 21 yrs

90% SERVED FROM 1 to 12 yrs

FILE TOBBENS (CREATION DATE = 73/06/14.)

PCON BY YCON

CONTROLLING FOR..

GENSER

VALUE..

5

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YCON

COUNT

ROW PCT

COL PCT

TOT PCT

PCON

BEFORE THE PAULSTTS

AFTER THE PAULSTTS

ROW
TOTAL17 to 20 yrs
21 to 24 yrs
OVER 25

1ST GENERATION

COLUMN

TOTAL

RAW CHI SQUARE = 26.60044 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = .0002

CRAMER'S V = .58398

CONTINGENCY COEFFICIENT = .50429

LAMDA (ASYMMETRIC) = .37037 WITH PCON DEPENDENT.

LAMDA (SYMMETRIC) = .24000

UNCERTAINTY COEFFICIENT (ASYMMETRIC) = .30366 WITH PCON DEPENDENT.

UNCERTAINTY COEFFICIENT (SYMMETRIC) = .17184

KENDALL'S TAU B = -.41698. SIGNIFICANCE = .0000

KENDALL'S TAU C = -.48915. SIGNIFICANCE = .0000

GAMMA = -.64138

SOMER'S D (ASYMMETRIC) = -.32180 WITH PCON DEPENDENT.

SOMER'S D (SYMMETRIC) = -.40336

ETA = .34103 WITH PCON DEPENDENT.

= -.54031 WITH YCON DEPENDENT.

= .16667 WITH YCON DEPENDENT.

= .11982 WITH YCON DEPENDENT.

BEFORE THE PAULSTTS:

58.8% SERVED OVER 21 yrs
25.5% SERVED FROM 1 TO 12 yrs.

AFTER THE PAULSTTS

14.8% SERVED OVER 21 yrs
85.1% SERVED FROM 1 TO 12 yrs

FILE TOBBENS (CREATION DATE = 73/06/14.)

* * * * * C R O S S T A B U L A T I O N O F * * * * *
P C O N B Y Y C O N

CONTROLLING FOR..

* * * * * G E N S E R

VALUE..

6

PAGE 1 OF 1

Y C O N

COUNT	ROW	PCT	I	3	4	5	6	7	8	9	TOTAL
3	1	5.1	30.8	5.1	9.0	3.8	100.0	9.0	61.5	78	
4	2	33.3	3.6	6.3	6.3	2.7	6.3	43.2	70.3		
4	3	24.2	66.7	7.2	8.1	4.5	15.2	41.7	29.7		
12	4	10.8	11.7	10.8	7.2	3.6	6.3	49.5	111		
TOTAL										100.0	

COUNT	ROW	PCT	I	3	4	5	6	7	8	9	TOTAL
3	1	5.1	30.8	5.1	9.0	3.8	100.0	9.0	61.5	78	
4	2	33.3	3.6	6.3	6.3	2.7	6.3	43.2	70.3		
4	3	24.2	66.7	7.2	8.1	4.5	15.2	41.7	29.7		
12	4	10.8	11.7	10.8	7.2	3.6	6.3	49.5	111		
TOTAL										100.0	

BEFORE THE PAULETTES

AFTER THE PAULETTES

RAW CHI SQUARE = 29.21108 WITH 6 DEGREES OF FREEDOM. SIGNIFICANCE = .0001

CRAMER'S V = .51299

CONTINGENCY COEFFICIENT = .45644

LAMBDA (ASYMMETRIC) = .27273 WITH PCON DEPENDENT.

LAMBDA (SYMMETRIC) = .12360

UNCERTAINTY COEFFICIENT (ASYMMETRIC) = .22548 WITH PCON DEPENDENT.

UNCERTAINTY COEFFICIENT (SYMMETRIC) = .12634

KENDALL'S TAU B = .42263 SIGNIFICANCE = .0000

KENDALL'S TAU C = .45938 SIGNIFICANCE = .0000

GAMMA = .66840

SOMER'S D (ASYMMETRIC) = -.32491 WITH PCON DEPENDENT.

SOMER'S D (SYMMETRIC) = -.40843

ETA = .26316 WITH PCON DEPENDENT.

NUMBER OF MISSING OBSERVATIONS = 329

SIGNIFICANCE = .03571 WITH YCON DEPENDENT.

SIGNIFICANCE = .08775 WITH YCON DEPENDENT.

SIGNIFICANCE = .54973 WITH YCON DEPENDENT.

SIGNIFICANCE = .24006 WITH YCON DEPENDENT.

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

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SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

SIGNIFICANCE = .0000

FIRST TO SERVED

BEFORE PAULETTES — 70.5% SERVED OVER 21 YEARS

— 19.2% SERVED FROM ONE TO 12 YEARS.

AFTER PAULETTES — 21.2% SERVED OVER 21 YEARS

— 66.7% SERVED FROM ONE TO 12 YEARS.

THERE 29 MORE MISSING OBSERVATION THAN WITH THE FORMULA PCON/YCON -

TOTAL NUMBER OF MISSING OBSERVATIONS IS 75 IN THIS 3WAY DISTRIBUTION 75 OUT OF 289.